MM-D320
MM-D330

Micro Component Audio system

CD/MP3-CD/WMA-CD/CD-R/RW Playback

user manual

imagine the possibilities

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To receive more complete service,
please register your product at
www.samsung.com/register

SAMSUNG

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Safety Warnings

ENG

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.	**CAUTION** : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LÁSER CLASE 1

CLASS 1 LASER PRODUCT

This product is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

DANGER

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM. (FDA 21 CFR)

CAUTION

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Note to CATV system installer

This reminder is provided to call the CATV system installer’s attention to Section 820~40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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Important Safety Instructions

ENG

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

1). Read these instructions.
2). Keep these Instructions.
3). Heed all warnings.
4). Follow all instructions.
5). Do not use this apparatus near water.
6). Clean only with dry cloth.
7). Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8). Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9). Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10). Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11). Only use attachment/accessories specifi ed by the manufacturer.
12). Use only with the cart, stand, tripod, bracket, or table specifi ed by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13). Unplug this apparatus during lightning storms or when unused for long periods of time.
14). Refer all servicing to qualifi ed service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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ENG

Precautions

- Ensure that the AC power supply in your house complies with the identification sticker located on the back of your product.
- Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches).
- Do not place the product on amplifiers or other equipment which may become hot. Make sure the ventilation slots are not covered.
- Do not stack anything on top of the product.
- Before moving the product, ensure the Disc Insert Hole is empty.
- In order to disconnect the product completely from the power supply, remove the AC plug from the wall outlet, especially when left unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the product.
- Do not expose the product to direct sunlight or other heat sources. This could lead to overheating and malfunction of the product.
- Protect the product from moisture, and excess heat or equipment creating strong magnetic or electric fields (i.e. speakers.).
- Disconnect the power cable from the AC supply if the product malfunctions.
- Your product is not intended for industrial use. Use of this product is for personal use only.
- Condensation may occur if your product or disc has been stored in cold temperatures. If transporting the product during the winter, wait approximately 2 hours until the product has reached room temperature before using.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.

WHAT'S INCLUDED(Check for the supplied accessories below.)

FM Antenna

User's Manual

Remote Control/Batteries(AAA)

- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
- An administration fee may be charged if either
  a. an engineer is called out at your request and there is no defect in the product
     (i.e. where you have failed to read this user manual)
  b. you bring the unit to a repair Center and there is no defect in the product
     (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.

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Contents

Thank you for buying this SAMSUNG micro- compact system.

Please take time to read these instructions. They will allow you to operate your system with ease and take full advantage of its features.

ENG

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Symbols ☛ **Important** ➢ **Note**

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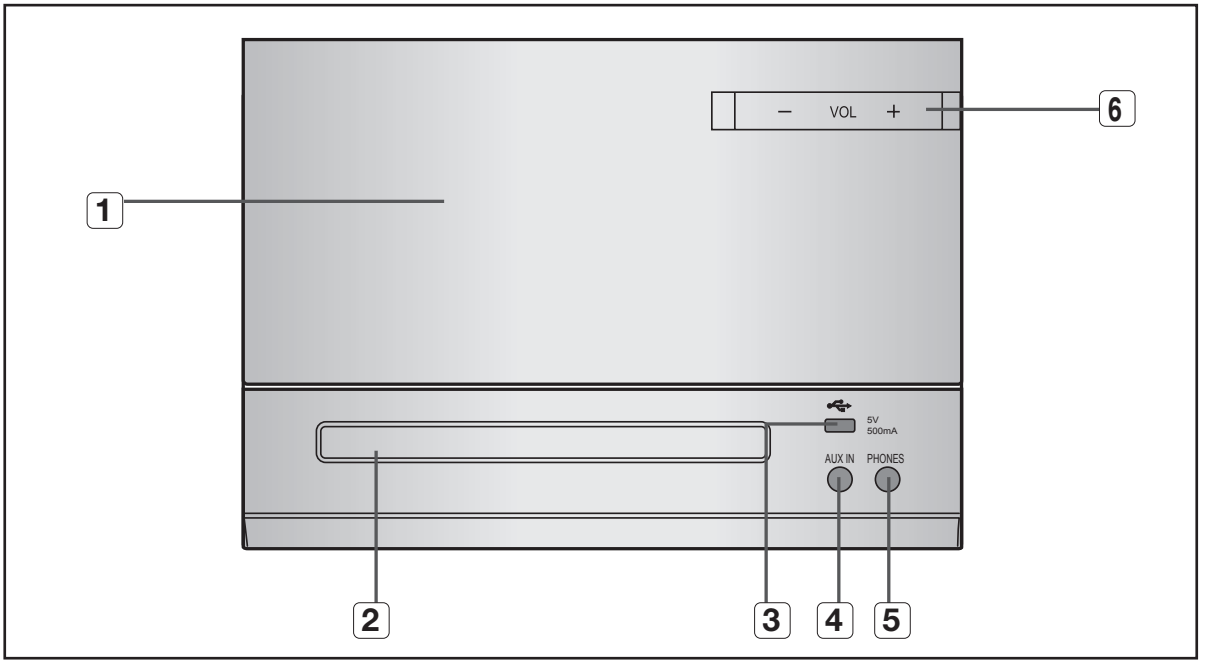
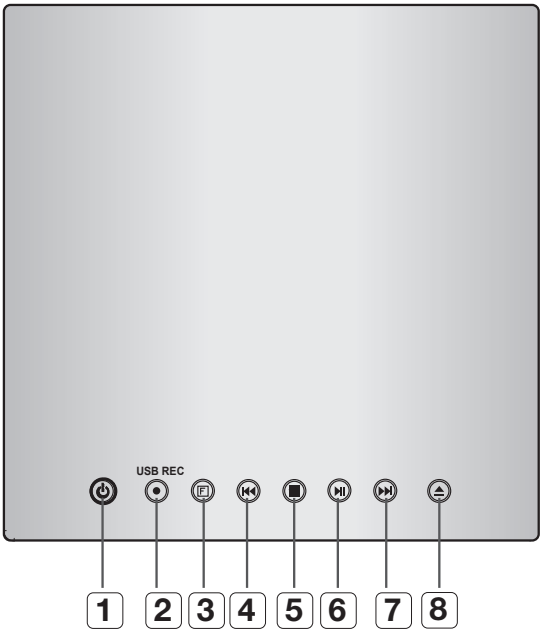
ENG

Front Panel View



1. WINDOW DISPLAY
2. COMPACT DISC COMPARTMENT
3. USB JACK
4. AUX IN JACK
5. HEADPHONE JACK
6. VOLUME CONTROL BUTTON

Top Panel View



1. POWER BUTTON
2. USB REC BUTTON
3. FUNCTION BUTTON
4. SEARCH/SKIP FUNCTION BUTTON
5. TUNING MODE OR STOP BUTTON
6. PLAY/PAUSE BUTTON
7. SEARCH/SKIP FUNCTION BUTTON
8. CD OPEN/CLOSE BUTTON

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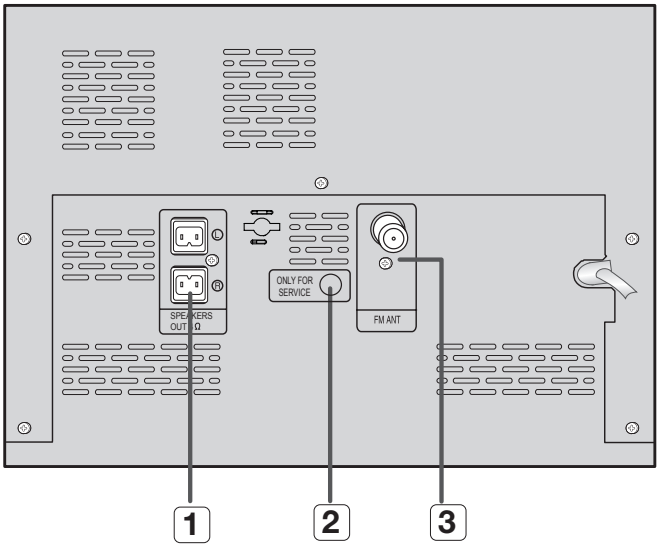
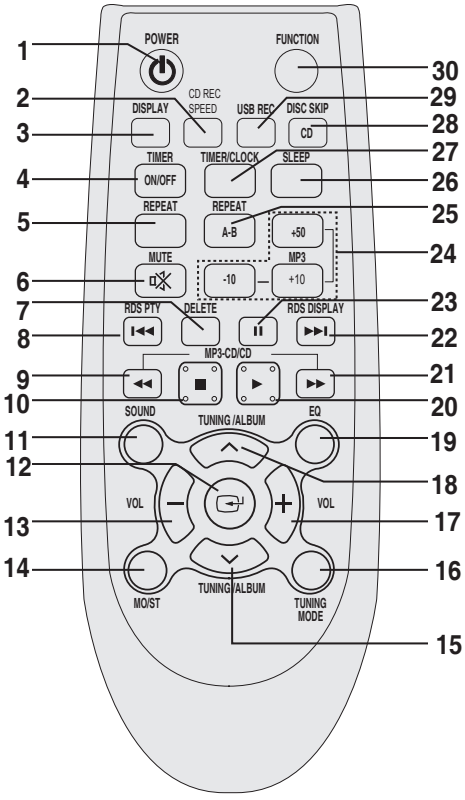
Rear Panel View



1. **Speaker Connector Terminals**
2. **ONLY FOR SERVICE**(This jack is just for testing, please don't use it)
3. **FM Aerial Connector Terminal**

Remote Control



1. POWER
2. CD REC SPEED
3. DISPLAY
4. TIMER ON/OFF
5. REPEAT
6. MUTE
7. DELETE
8. Skip and Search/ RDS PTY
9. Search backwards
10. STOP
11. SOUND
12. ENTER
13. VOLUME -
14. MO/ST
15. TUNING/ALBUM ﹀
16. TUNING MODE
17. VOLUME +
18. TUNING/ALBUM ﹀
19. EQ
20. PLAY
21. Search-forwards
22. Skip and Search/ RDS DISPLAY
23. PAUSE
24. MP3, -10, +10, +50
25. REPEAT A-B
26. SLEEP
27. TIMER/CLOCK
28. CD/DISC SKIP*
29. USB REC
30. FUNCTION

* This product does not support the DISC SKIP function printed the [*] button above.
* This product may not have the RDS function depending on your region.

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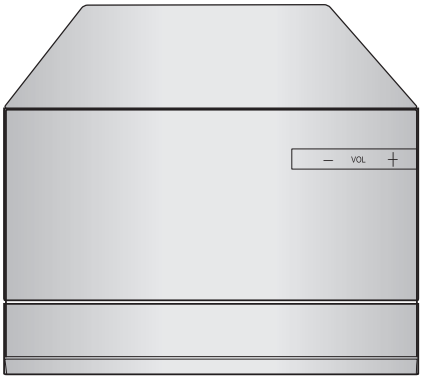
Where to Install Your Micro-Compact System

To take full advantage of your new micro-compact system, follow these installation instructions before connecting the unit.

- Install the system on a flat, stable surface.
- Never place this unit on carpeting.
- Never place this unit in an outdoor area.
- Maintain an open space of approximately 6 inches (15 cm) on the sides and rear of the system, for ventilation purposes.
- Make sure that you have enough room to open the compact disc compartment easily.
- Place the loudspeakers at a reasonable distance on either side of the system to ensure good stereo sound.
- Direct the loudspeakers towards the listening area.
- For optimum performance, make sure that both speakers are placed at an equal distance above the floor.

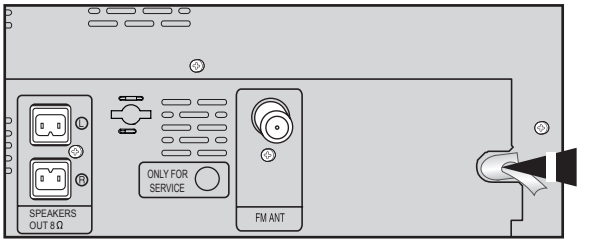


Connecting your System to the Power Supply

Before plugging your system into a main socket, you must check the voltage.

1 Plug the main lead into an appropriate socket.

2 Press the ⏻ **(POWER)** button to switch your micro-compact system .



Inserting Remote Control Batteries

Insert or replace remote control batteries when you:
- Purchase the micro-compact system
- Find that the remote control is no longer operating correctly

When replacing the batteries, use a new set of batteries and never mix alkaline and manganese batteries.

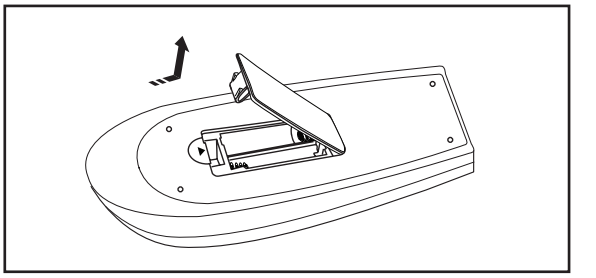
1 Place your thumb on the position marked ▶ on the battery compartment cover (rear of the remote control) and pull the cover in the direction of the arrow.

2 Insert two AAA, LR03 or equivalent batteries, taking care to respect the polarities:
- \+ on the battery against + in the battery compartment
- – on the battery against – in the battery compartment

3 Replace the cover by sliding it back until it clicks into position.

If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.

The remote control can be used up to approximately 7 meters(23 feet) in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.

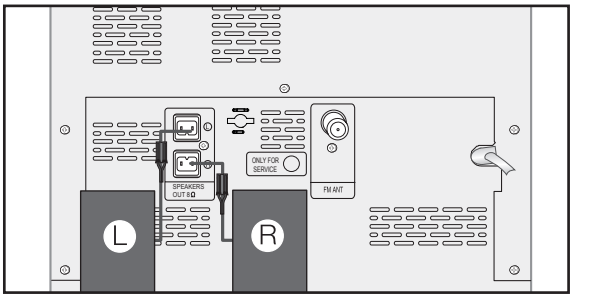


Connecting the Loudspeakers

The loudspeaker connector terminals are located on the rear of the system.

There are two terminals on the system:
- left speaker (marked L)
- right speaker (marked R)

To achieve the correct sound quality,insert those speaker connector cables to the speaker connector terminals of the system.



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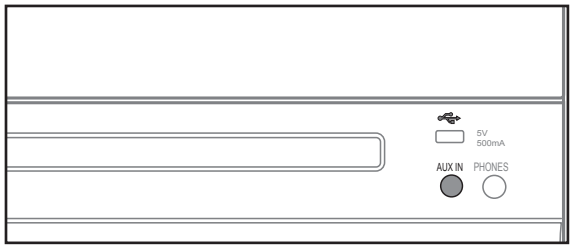
Connecting to an External Source

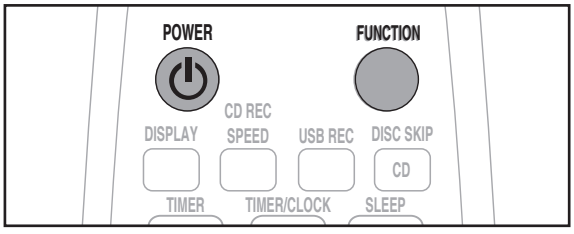
Connecting an External Analogue Component

Example: Analogue signal components such as a VCR.

1 Connect AUX IN(Audio) on the player to the Audio Out of the external Analogue component.

2 Press the F( ) button to select AUX input.
You can select AUX by pressing the FUNCTION button on the remote control.

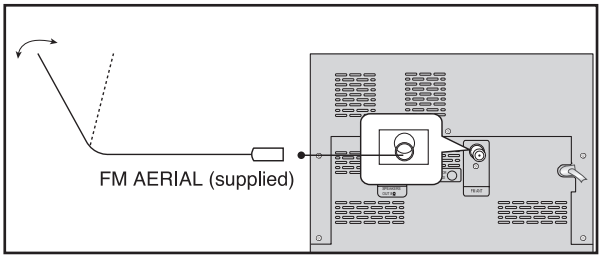


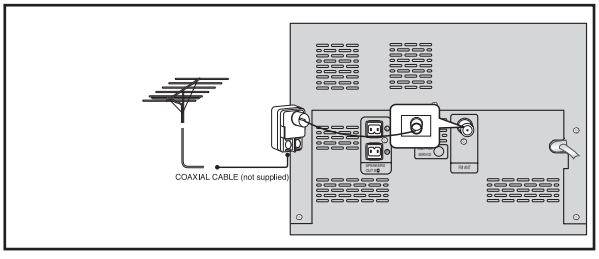


Connecting the FM Aerial

How to connect a COAXIAL TYPE aerial.

- Connect a antenna to the **FM** antenna terminal.
- Plug the connector on the **FM** aerial supplied into the coaxial socket marked **FM** on the rear of the system.
- Follow the instructions given on **Page 16** to tune into a radio station, and determine the best position for the aerial.
- If reception is poor, you may need to install an outdoor aerial.
  To do so, connect an outdoor **FM** aerial to the **FM** socket on the rear of the system using a coaxial cable (not supplied).





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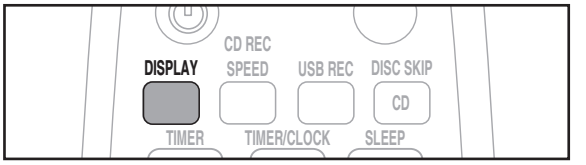
ENG

DISPLAY function

You can view all functions available on the display, adjust the brightness of the display.

Each time you press the DISPLAY button on the remote control, the display mode will change as follows:

- The Demo function
  All functions available on the system appear on the front panel display.
- The Dimmer function
  The Dimmer function is selected and the display darkens.
- Display ON
  The Display turns on.
- Clock ON
  The Clock you set is displayed.



Setting the Clock

Your system is equipped with a clock which allows you to turn your system on and off automatically.
You should set the clock:

- When you first purchase the micro-compact system
- After a power failure
- After unplugging the unit

☛ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1 Switch the system on by pressing **POWER**.

2 Press **TIMER/CLOCK** twice.
Result: **CLOCK** is displayed.

3 Press **ENTER** (⏎) .
Result: The hour flashes.

4

To...	Press the TUNING/ALBUM button
Increase the hours	∧
Decrease the hours	∨

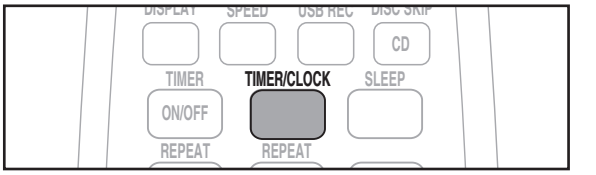
5 When the correct hour is displayed, press **ENTER** (⏎) .
Result: The minutes flash.

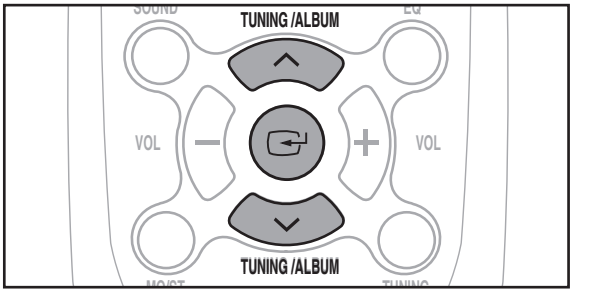
6

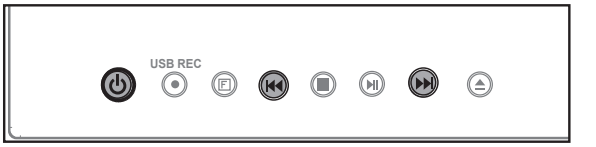
To...	Press the TUNING/ALBUM button
Increase the minutes	∧
Decrease the minutes	∨

7 When the correct time is displayed, press (⏎) .
Result: The clock starts and is displayed.

➢ ♦ You can display the time, even when you are using another function, by pressing **TIMER/CLOCK** once.
♦ You can also use ⏮, ⏭ buttons on the main unit to instead of . **TUNING/ALBUM** button ∧ or ∨ in step **4**, **6**.







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To play the CD/MP3/WMA-CD

You can play 5 inches or 3 1/2 inches compact disc without an adapter.

This unit has been designed to playback the CDs: Audio CD, CD-R, CD-RW and MP3/WMA,-CD.

- ♦ Never force the compact disc compartment when opening and closing the disc compartment.
- ♦ Never press down or place objects on the tray.
- ♦ Do not use CDs of irregular shapes like heart or octagon shapes. The performance of the player may be degraded.
- ♦ Always treat your compact discs with care; refer, if necessary, to the section entitled "Precautions When Using Compact Discs" on page 23 .

1 Switch the system on by pressing the POWER button.

2 Press the Open/Close button.
Result: The compartment opens.

3 Place your disc in the compartment, with the label on the disc facingupwards.

4 Close the compartment by pressing the Open/Close button again.
Result: Playback starts automatically.

- ♦ Your CD Player will take a few moments to scan through all the tracks recorded on a particular MP3/WMA-CD.
- ♦ The English name of the song may be indicated on the display only if directly downloaded from the PC or if the purchased MP3/WMA-CD is sorted according to titles(directory). (Other languages besides English may not be indicated.)
- ♦ The English name of the track may not be indicated depending on the characteristics of the MP3/WMA-CD.

<CD/MP3/WMA-CD PlaybackDisplay>

Track Indicator —— 0003 —— Playtime Indicator

5 Adjust the volume according to needs with the following procedures.
Press the VOLUME button of the main unit.
or
Press the VOLUME+or –button of the remote control. The volume level can be adjust in(VOL MIN,VOL 1- VOL 29,andVOL MAX).

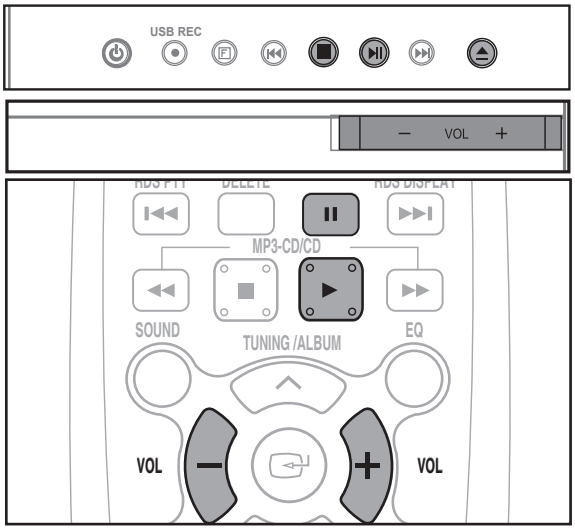
6

Main set
To pause playback temporarily, press the **PLAY/PAUSE(▶II)** button.
Press **PLAY/PAUSE(▶II)** again to continue playing the disc.

Remote control
To pause playback temporarily, press the **PAUSE(II)** button.
Press **PLAY(▶)** button to continue playing the disc.

7 Press the STOP(■) button when you have finished.

- ♦ If there is not one CD inserted in the DISC compartment, it is indicated as "**NO DISC**".
- ♦ Press and hold OPEN/CLOSE button for 5 seconds, "LOCK"will be displayed and the compartment doesn't open.In this way you must press and hold OPEN/CLOSE button for a long time until "UNLOCK" will be displayed, the compartmentcan open.
- ♦ The quality of MP3/WMA-CD playback may vary depending on the condition of the disc containing the music files or the condition of the recorder with which the disc was created.
- ♦ If different types of files or unnecessary folders are on the same disc, you will have problems with playback.
- ♦ Keep the tray closed whenever you are not using it, to prevent dust from entering.
- ♦ You can load or unload compact disc when the radio, usb or auxiliary source function is selected, and when you press the **OPEN/CLOSE** button, all of the other functions will be changed to MP3/CD mode.
- ♦ A maximum of 999 tracks can be played per CD.



Selecting a Track

You can select the track you wish to listen to when a disc is playing.

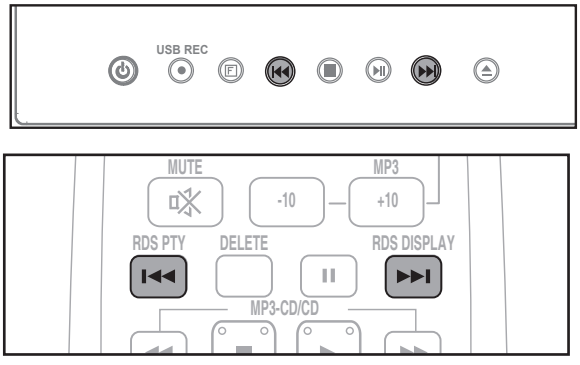
To play the previous track
Press the ⏮ within 3 seconds after the current track started playing.
Press the ⏮ twice 3 seconds after the current track started playing.

To play the next track
Press the ⏭ .

To play the current track
Press the ⏮ 3 seconds after the current track started playing.

To play the track of your choice
Press the ⏮ or ⏭ the appropriate number of times.

♦ You can also use the ⏮ or ⏭ buttons on the remote control to select a track.



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ENG

What is WMA?

WMA means Windows Media Audio, the global standard for audio signal compression technology.

What is MP3?

MP3 means MPEG1 Layer 3, the global standard for audio signal compression technology. It uses digital compression technology to compress original sound data by up to 12 times without sound quality degradation.

File Compatibility

- The unit will playback files created in MP3 format (Mpeg1. Layer3) with *.mp3 as their extension,and some WMA files with.WMA extension can't be playback.
- Playback will be impossible for the file of MP2 or 22KHz.

How many MP3 files can a CD-R or CD-RW disc record?

The maximum capacity of one CD-R or CD-RW disc is 680MB.

Normally, one MP3 file has a capacity of 4MB, therefore approximately 170 files can be recorded on a single disc.

Regarding the playback of CD-R/RW

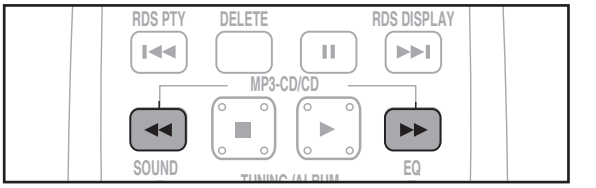
- In the case of an original CD-R(Recordable) recorded in audio CD format, CD-RW(Rewritable) and editing by the user, playback is processed on the respective completed status. (The player may not be played back according to the characteristics of the CD or recorded status.)
- The CD-RW is comparably less reflexive than CD which causes more time delay to read.

Searching for a Specific Music Passage on a CD

When listening to a compact disc, you can quickly search for a specific music passage on a track.

To search through the tracks...	Press...
Forwards	▶▶
Backwards	◀◀

You can also press and hold down ⏮, ⏭ on the main unit to auto search through the tracks.



Function to skip through 10/50 tracks at a time

Press the +10/-10/+50 button briefly while playing back a CD and MP3/WMA-CD . The track 10/50 tracks after the current one will then be played back.

Example 1: If you want to select track 48 during playback of track 5, press the **+10** button four times, and then press the ⏭ button three times .

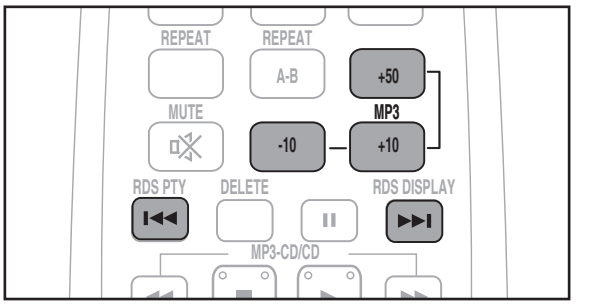
5 →15→ 25 → 35 → 45 → 46 → 47 → 48

Example 2: If you want to select track 58 during playback of track 5, press the **+50** button once, and then press the ⏭ button three times .

5 →55→ 56 → 57 → 58

Example 3: If you want to select track 5 during playback of track 48, press the **-10** button four times, and then press the ⏮ button three times .

48 →38→ 28 → 18 → 8 → 7 → 6 → 5



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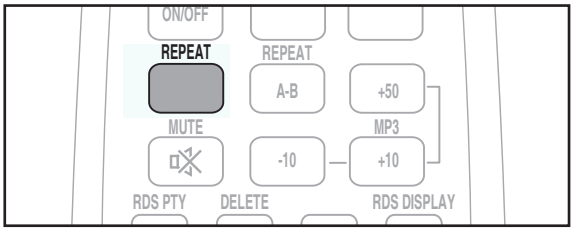
Repeating One or All Tracks on the Compact Discs

You can repeat indefinitely:
- A specific track on a compact disc.
- All tracks on the compact disc selected.

1 Press REPEAT button.
Each time you press the REPEAT button, the repeat mode will change as follows:
MP3: R OFF→ R TRK → R DIR → R DISC → R RAN .
CD: R OFF→ R TRK → R DISC → R RAN .

2 When you wish to stop the Repeat function, press **REPEAT** until **R OFF** is displayed.

- **R OFF:** Cancels Repeat Playback.
- **R TRK:** Repeatedly plays the selected track.
- **R DIR:** Repeatedly plays all tracks in the selected folder.
- **R DISC:** Repeatedly plays the entire disc.
- **R RAN:** Plays tracks in random order.(Each track can be played one time.)



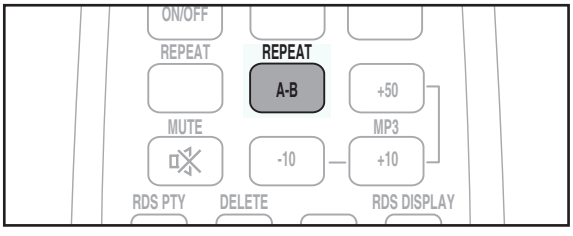
A-B Repeat Playback

You can repeatedly play back a designated section of a CD.

1 Press the **REPEAT A-B** button at the beginning of desired part.
- 'R A-' shows.

2 Press the **REPEAT A-B** button at the ending of desired part.
- 'R A-B' shows.

3 To cancel REPEAT A-B function, press **REPEAT A-B** button again.



Programming the Order of CD Playback (This function is not available during playback of an MP3/WMA-CD.)

You can decide:
- The order of the track desired to listen
- The track not desired to listen

- You can program up to 24 tracks.
- You must stop the compact disc player before selecting the tracks.

1 If the CD function is selected, stop the player by pressing ■ .

2 Press **ENTER(↵)** .
Result: The following indications are displayed:

P01 -- --

(01 = Program no., -- -- = Track no. on the disc)

3 Select the required track by pressing the ⏮ or ⏭ button:
- Press the ⏮ button to move back through the tracks.
- Press the ⏭ button to move forward through the tracks.

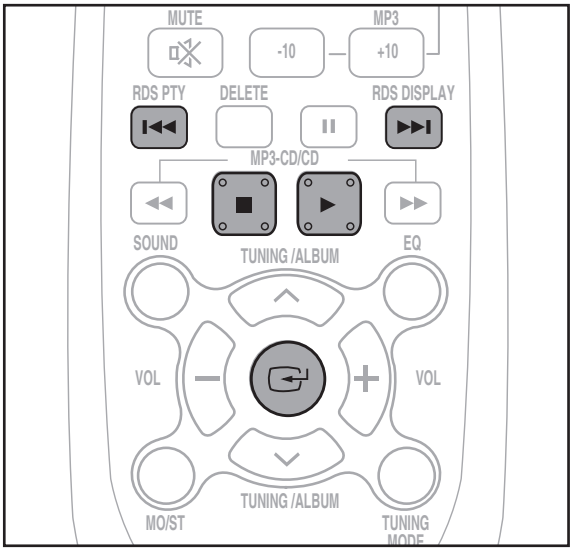
4 Press **ENTER(↵)** to confirm your selection.
Result: The selection is stored and P02 -- -- is displayed.

5 To select other tracks, repeat Steps **3** to **4**.

6 Press **PLAY (▶)** to listen to the track selection in the order programmed.

7 When press ■ button one time , compact disc player is stopped, and press ■ button again to cancel the selection.

- **If you open the compartment or turn off the power, the selection is cancelled.**



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Checking or Changing Programmed CD Tracks

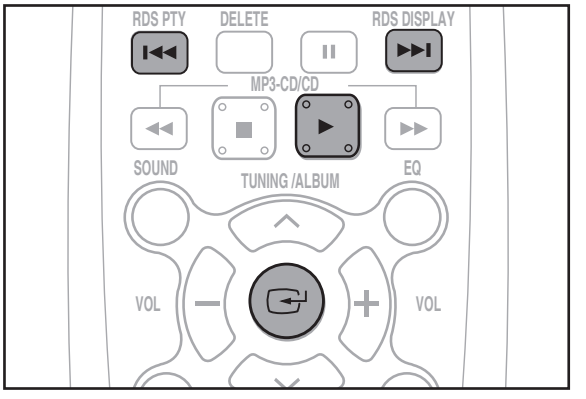
You can check or change your selection of tracks at any time.

1. Press ■ once if you have started listening to the selection.
2. Press **ENTER(⏎)** twice .
   Result: The following indications are displayed:

   C 01

   (C = Check, 01=Program No., -- -- = Track No. on the disc)

   ➢ If you have already programmed 24 tracks, **C** is displayed instead of **P** when you press **ENTER(⏎)** .
3. Press **ENTER(⏎)** once or more times until the track to be changed is displayed.
4. Press ⏮ or ⏭ button to select a different track.
5. Press **ENTER(⏎)** to confirm your change.
6. Press **PLAY (▶)** to start listening to the selection.
   Result: The first track selected is played.



Playing USB

You can play MP3/WMA files by connecting to various external USB storage devices such as USB flash memory or HDD(Hard Disc drives).

1. Connect the external USB storage device to your player.
2. Select USB function by pressing the **FUNCTION** button.
   ♦ The first track of the first directory plays automatically.

➢ **To stop playing**
Press the Stop (■) button to stop playing.

➢ **To remove the USB device**
Press the Stop (■) button again,you can remove the USB device safely.

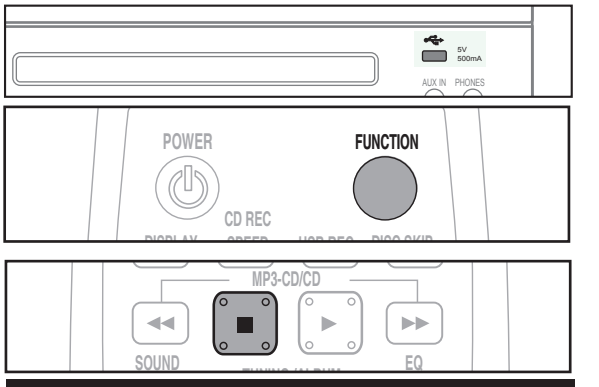
☛ ♦ Do not connect a USB charging device to the USB connection port on the player, because it may cause damage to the product.

Please be aware of the following before using USB.

- ♦ Some external USB storage device may not be compatible with this player.
- ♦ With external HDD, FAT format can be played.
- ♦ With USB 2.0 HDD, connect to a separate power source.
  If it's not connected to a separate power source, it may not work.
- ♦ If memory of an external USB storage device is segmented into several parts, MP3 files of only the first hard disk drive can be played.
- ♦ DRM applied files are not played.
  Digital Rights Management: Technology and service that protect the profit and rights of copyright owners by disallowing unauthorized use of digital contents.
- ♦ Even if the file name ends with .mp3, the file does not play if actual file format is MPEG layer 1 or 2.
- ♦ Do not use a USB hub as it will not be recognized.
- ♦ Up to 15 letters of MP3/WMA file name will be shown.
- ♦ Removable HDDs equipped with less than 160 Gbytes are supported.
  Removable HDDs equipped with 160Gbytes or more may not be recognized, depending on the device.

Delay

- ♦ When selecting USB function,file reading (READ-IN) may take several minutes.
- ♦ When playing a USB device,there may be a delay then advancing to the next track,especially with HDD.
  The operation time of external USB storage devices will vary;even when they are of the same capacity.
- ♦ If the external USB storage device supports only USB VER1.1 and the access speed is slow,the file may not property.



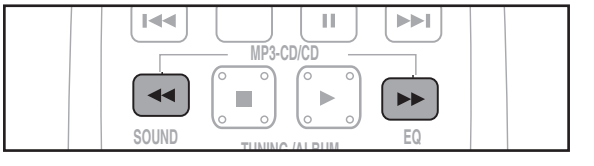
To use high speed search

Before you begin! ♦ Connect the external USB storage device to your player.
♦ Select the USB function by using the FUNCTION button.

You can search the desired section quickly during the play

➢ Press the ◀◀ , ▶▶ button.
♦ Whenever you press the button, you can search backward or forward quickly.

☛ When you use the high speed search function, there is no sound.



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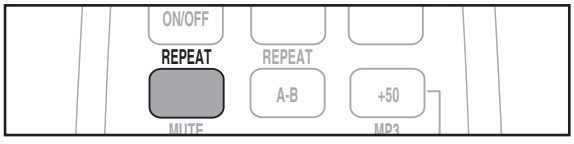
To repeat

Before you begin! ♦ Connect the external USB storage device to your player.
♦ Select USB function by using the FUNCTION button.

Press REPEAT button.
Each time you press the REPEAT button, the repeat mode will change as follows:
R OFF→R TRK → R DIR → R ALL → R RAN .

When you wish to stop the Repeat function, press **REPEAT** until **R OFF** is displayed.

- **R OFF:** Cancels Repeat Playback.
- **R TRK:** Repeatedly plays the selected track.
- **R DIR:** Repeatedly plays all tracks in the selected folder.
- **R ALL:** Repeatedly plays all tracks.
- **R RAN:** Plays tracks in random order. (Each track can be played one time.)

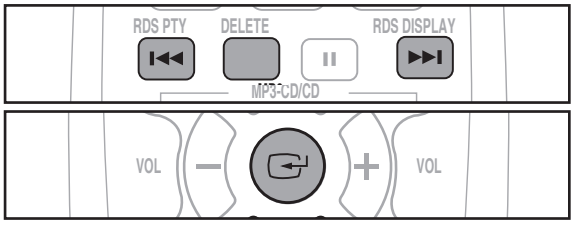


To delete a file

You can delete a file on your USB device.

1. Play a file you want to delete.
2. Press the **DELETE** button .
3. press the ⏮, ⏭ button on the remote control to select YES.
4. Press the ENTER button on the remote control.
The selected file will be deleted.

♦ The NTFS file system is not supported



Selecting a Track from USB Device

You can select an MP3 file during the play.

Before you begin! ♦ Connect the external USB storage device to your player.
♦ Select the USB function by using the FUNCTION button.

If you want to move the previous/next(track), press the ⏮, ⏭ button shortly.
♦ It moves the previous/next file within the directory.
♦ If you press the ⏮, ⏭ button more times than the number of the files in the directory, it will move over to the next directory.

To skip 10/50 tracks

Before you begin! ♦ Connect the external USB storage device to your player.
♦ Select USB function by using the FUNCTION button.

Press the **+10** button on the remote control shortly during the play.
Example1: If you want to select 48rd track while 15th track is playing, press the **+10** button 3 times, and then press the ⏭ button 3 times .

15 → 25 → 35 → 45 → 46 → 47 → 48

+10 +10 +10 ⏭ ⏭ ⏭

Example 2: If you want to select track 58 during playback of track 5, press the **+50** button once, and then press the ⏭ button three times .

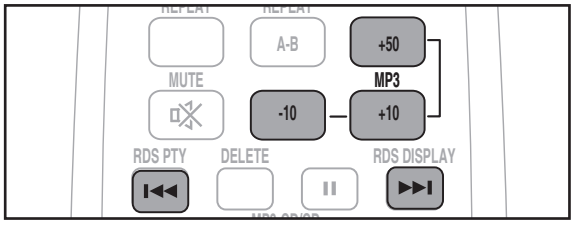
5 →55→ 56 → 57 → 58

+50 ⏭ ⏭ ⏭

Example 3: If you want to select track 5 during playback of track 48, press the **-10** button four times, and then press the ⏮ button three times .

48 →38→ 28 → 18 → 8 → 7 → 6 → 5

-10 -10 -10 -10 ⏮ ⏮ ⏮

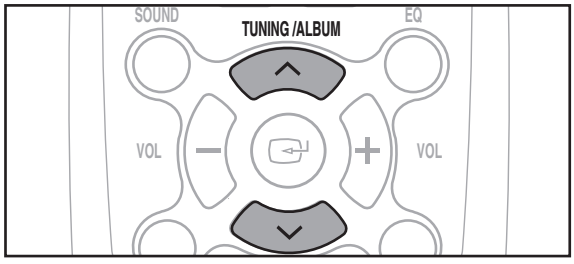


Searching a folder Quickly

You can searching a folder during the play.

Before you begin! ♦ Connect the external USB storage device to your player.
♦ Select the USB function by using the FUNCTION button.

1. Press the TUNING/ALBUM ^ or v button on the remote control to move to the previous/nex folder.
2. When the searching is done,you will see the folder name.
The track will start playing.



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Searching for and Storing the Radio Stations

ENG

You can store up to:15 FM stations

1 Switch the system on by pressing **POWER**.

2 Select the FM function by pressing **FUNCTION** button .

3

To search for a station...	Press TUNING MODE button
Preset	Once or more times until **PRE XX** is displayed.
Manually	Once or more times until **MANUAL** is displayed.

4 Select the station to be stored by:
- Pressing **TUNING/ALBUM** ^ or v on the remote control.
- To scroll through the frequencies faster when searching manually, press and hold down the **TUNING/ALBUM** ^ or v button on the remote control.

5 Adjust the volume by:
- Press the **VOLUME** button on the main unit

or
- Pressing the **VOLUME +** or **–** buttons on the remote control

6 Select the FM stereo or mono mode by pressing **MO/ST**.

7 If you do not want to store the radio station found, revert to Step **3** and search for another station.

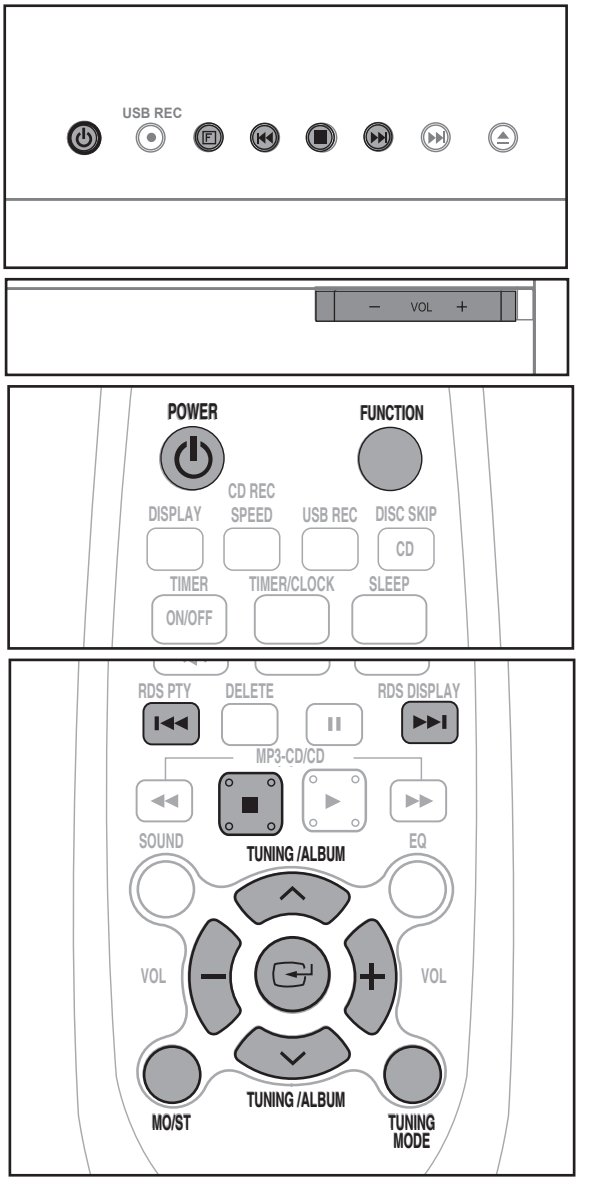
Otherwise:

a Press **ENTER**( ) .

b Press ⏮ or ⏭ on the main unit or press **TUNING/ALBUM** ^ or v on the remote control to assign a program number .

c Press **ENTER**( ) to store the radio station.

8 To store any other radio frequencies required, repeat Steps **3** to **7**.



In Tuner mode

- In manual tuning mode, you can use ⏮, ⏭ button on the main unit to manual search a radio station.
- During Tuner auto searching, press ■ button on the main unit or STOP button on the remote control to stop auto searching.
- In Preset tuning mode, you can use ⏮, ⏭ button on the main unit to search a stored radio station.

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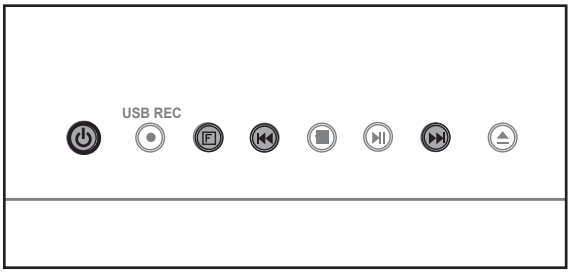
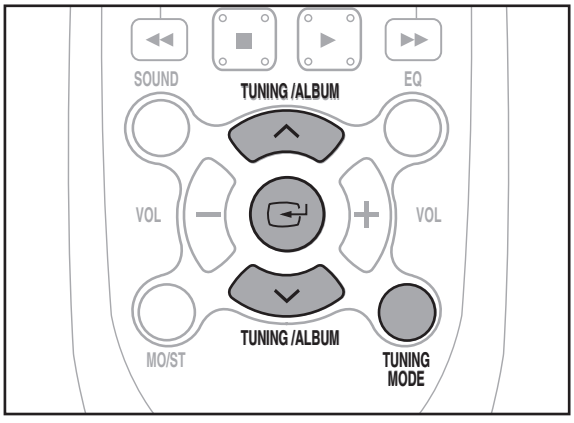
Selecting a Stored Station

You can listen to a stored radio station as follows:

1. Switch the system on by pressing **POWER**.
2. Select the FM function by pressing **FUNCTION.**
3. Press the **TUNING MODE** button on the remote control until "**PRE XX**" is displayed.
4. Press ⏮ or ⏭ button on the main set to select the desired station. or
   Select the desired station by pressing the **TUNING/ALBUM** ∧ or ∨ button on the remote control.
   Result: The desired station is now received.



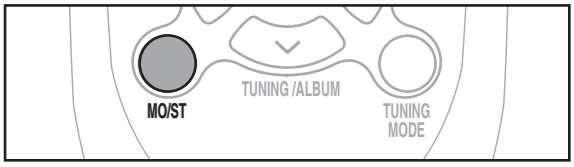


Improving Radio Reception

You can improve the quality of radio reception by:

- ♦ Rotating the FM aerial
- ♦ Testing the positions of the FM aerials before fixing them permanently

➢ If reception from a specific FM radio station is poor, press **MO/ST.** to switch from stereo mode to mono. The quality of the sound will be improved.



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Recording Function

ENG

You can record sound of the CD, the Radio Broadcasting or sound from the external source into the USB storage device.

1 Switch the system on by pressing the **POWER** button.

2 Connect the external USB storage device you want to record to the USB ( ) on your player.

3 Play a Disc, adjust the Radio frequency or connect the external source to your player.

CD (See page 11)

- Press the **FUNCTION** on the main unit to select the MP3/CD function.
- Press the **OPEN/CLOSE** button to open the Compact Disc compartment.
- Insert a CD and press the **OPEN/CLOSE** button to close the Compact Disc compartment.
- Use the CD selection (⏮ or ⏭) buttons to select the desired song.

FM (See page 16)

- Select FM by pressing the **FUNCTION** button on the main unit.
- Adjust the Radio frequency you want to record.

External Source (See page 9)

- Connect an External Component/MP3 player to your player.
- Press the **FUNCTION** button to select <AUX> input.
- Play a song from the external device.

4 Press the **USB REC** button to start recording.

CD

- "TRACK RECORDING" is displayed and CD recording starts.
- Press and hold the **USB REC** button to start recording the all tracks of Disc.
  "FULL CD RECORDING" is displayed.
- If you record the MP3 , the file is copied into the USB device totally. "STOP"→ "COPY XX"→"COPY END" is displayed. When the recording is done, "STOP" will be displayed.
- If there is the same file name, "STOP"→"FILE EXIST" is displayed, and the function is cancelled.

FM /External Source

- RECORDING is displayed.

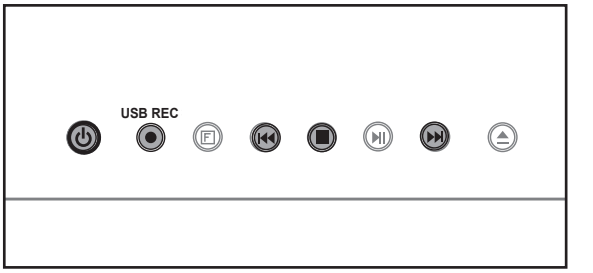
5 To stop recording, press the **STOP** (■) button and then automatically create and save as the MP3 file.

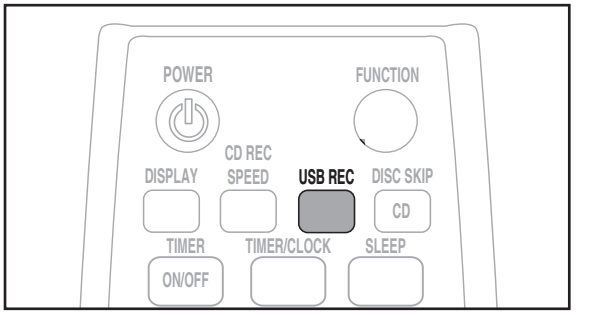
6 To remove the USB device safely, press the **STOP** (■) button once again.

- After the recording, a directory named "RECORDING"(CD), "CD COPY"(MP3 CD), "TUNER RECORDING" or "AUX RECORDING" will be created in your device.

- Do not disconnect the USB or the AC Cord during the recording as this may cause file damage.
- If you disconnected USB device during the recording, the main unit will be power off and you may not delete the recorded file, In this case, please connect the USB device to the PC and backup the USB data on the PC first and then format the USB device.
- When the USB memory is not enough, it will be displayed "NOT ENOUGH MEMORY".
- The recording works if the USB device or the HDD is formatted in the FAT file system.(The NTFS file system is not supported.)
- When you use CD high speed search function, the CD recording can't work.
- Sometimes, the recording time may be longer with some USB devices.
- In the program mode, you can't use the CD recording function. (See page 14)
- When the CD recording, the EQ can not work and automatically change to OFF.
- When the CD recording, the REPEAT function can not work and automatically changes to OFF.
- You can not record the radio when searching or no available frequencies in the Tuner mode.

- Note that setting the input level too loud when recording music from an external device through the AUX and USB channel may introduce noise into the recording. In that case, lower the external device's volume level.



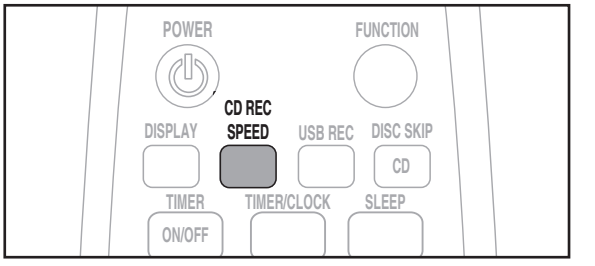


Recording Speed

Each time you press the CD REC SPEED button on the remote control, the recording speed will change as follows:

SPD x 1→SPD x 4

- While the Tuner or External Source is recording, the recording speed does not supported.
- When you select **SPD x 4**, the audio sound will not be output.



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Timer Function

The timer enables you to switch the system on or off at specific times.
Example: You wish to wake up to music every morning.

➢ If you no longer want the system to be switched on or off automatically, you must cancel the timer.

☛ ♦ Before setting the timer, check that the current time is correct.
♦ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1 Switch the system on by pressing **POWER**.

2 Press **TIMER/CLOCK** thrice, **TIME** is displayed.

3 Press (⏎) .
Result: **ON** is displayed for a few seconds, you can set the timer switch-on time.

4 Set the timer switch-on time.
a Press the **TUNING/ALBUM** ∧ or ∨ buttons.
b Press **ENTER**(⏎) .
Result: The minutes flash.
c Press the **TUNING/ALBUM** ∧ or ∨ buttons.
d Press **ENTER**(⏎) .
Result: **OFF** is displayed for a few seconds, you can now set the timer switch-off time.

5 Set the timer switch-off time.
a Press the **TUNING/ALBUM** ∧ or ∨ buttons.
b Press **ENTER**(⏎) .
Result: The minutes flash.
c Press the **TUNING/ALBUM** ∧ or ∨ buttons.
d Press **ENTER**(⏎) .
Result: **VOL XX** is displayed, where **XX** corresponds to the volume already set.

6 Press **TUNING/ALBUM** ∧ or ∨ to adjust the volume level and press **ENTER**(⏎) .
Result: The source to be selected is displayed.

7 Press the **TUNING/ALBUM** ∧ or ∨ buttons to select the source to be played when the system switches on.

If you select...	You must also...
FM (radio)	**a** Press **ENTER**(⏎) . **b** Select a preset station by press the **TUNING/ALBUM** ∧ or ∨ buttons.
CD/MP3 (compact disc)	Load disc.
USB	connect the USB device.

8 Press **ENTER**(⏎) button.
Result: CHK REC (Do you want to record?) is displayed.

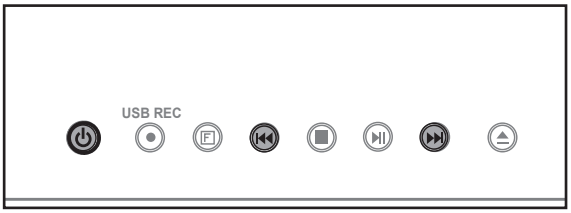
9 Press **ENTER**(⏎) button.
Result: REC N is displayed,you can press the **TUNING/ALBUM** ∧ or ∨ buttons to select the REC Y or REC N,and the press ENTER button.
1).If you select the REC N,it will cancel tuner timing recording even if you have already set the tuner timing recording.
2). If you select the REC Y,you can set the tuner timing recording.
a.Press the ENTER(⏎) button.
Result: ON is displayed for a few seconds,you can set the tuner timing recording swith-on time.
b.Press the ENTER(⏎) button.
Result: OFF is displayed for a few seconds,you can set the tuner timing recording swith-off time.

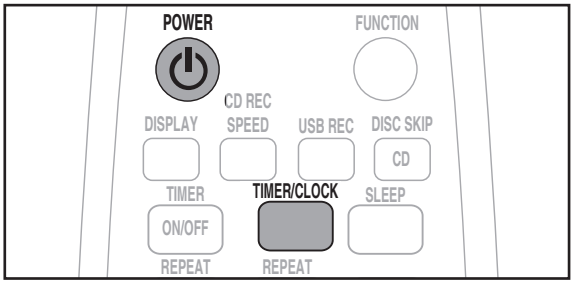
♦The maximal tuner timing recording time is 5 hours.

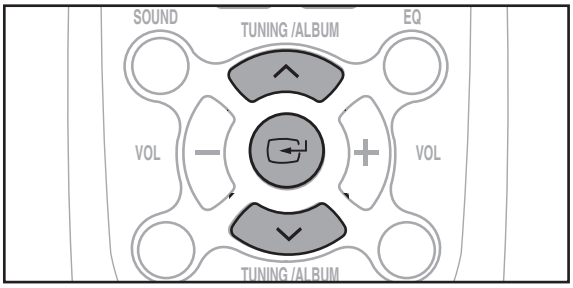
♦If the timer switch on and off times are identical, the word **ERROR** is displayed.

♦If the switch-on or -off time is the same as the timing recording time, only the switch-on or -off time is effective, and the timing recording time is not applied.

♦You may use ⏮, ⏭ buttons on the main unit to instead of the **TUNING/ALBUM** ∧ or ∨ buttons to adjust in step **5-9**.



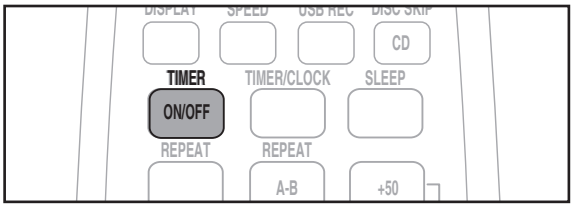




Cancelling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display. If you no longer wish to use the timer, you must cancel it.

To...	Press TIMER ON/OFF...
Cancel the timer	Once. Result: ◔ is no longer displayed.
Restart the timer	Twice. Result: ◔ is displayed again.



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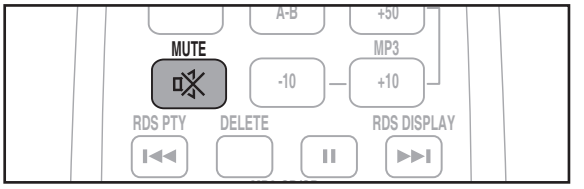
Mute Function

You can turn the sound off temporarily on your system.
Example: You wish to answer a telephone call.

1 Press **MUTE**.

2 To switch the sound back on , press **MUTE** again or the **VOLUME** buttons.

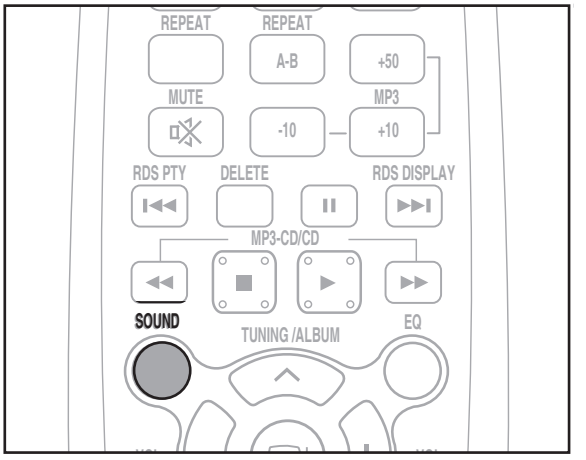


Power Bass Function

Your micro-compact system has a bass amplification function called SBS (Super Bass Sound). This function makes the sound more powerful and real.

1 Press the **SOUND** button.
Result: "**P BASS**" is displayed.

2 To cancel this function, press **SOUND** again, "**P OFF**" is displayed for a few seconds.



Selecting EQ Mode

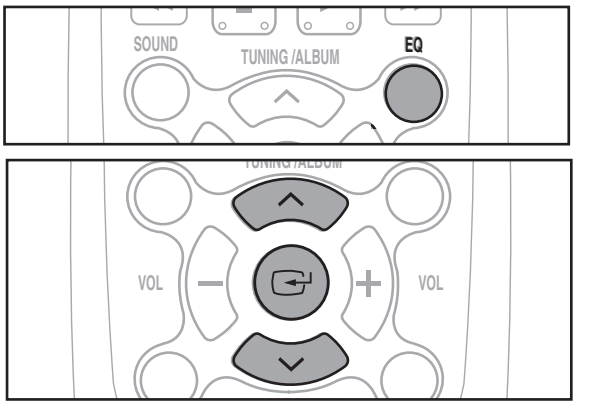
Your micro-compact system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to.

1 Press EQ button until the required option is selected.

To obtain a...	Select...
OFF	Normal balance (linear)
RANCHA	Banlace suitable for Rancha Music.
SAMBA	Banlace suitable for Samba Music.
CUMBIA	Banlace suitable for Cumbia Music.
HABANA	Banlace suitable for Habana Music.
BOOM BA	Banlace suitable for Boom Ba Music.
REGGAE	Balance suitable for Reggae Music
PARTY	Balance suitable for Party Music
POP	Balance suitable for Pop Music
HIPHOP	Balance suitable for HipHop Music
ROCK	Balance suitable for Rock Music
JAZZ	Balance suitable for Jazz Music
CLASS	Balance suitable for Class Music
FLAT	Balance suitable for Flat Music
STA+EQ	Banlace suitable for Stadium Music.
DYN+S	Banlace suitable for Dynamic spot Music.
MP3+	Banlace suitable for MP3 Enhan Music.
VIR+S	Banlace suitable for Virtual Music.
U1 B 0	Banlace suitable for User 1 mode Music.
U2 B 0	Banlace suitable for User 2 mode Music.
U3 B 0	Banlace suitable for User 3 mode Music.

2 Set the BASS (left numeric), MIDDLE (middle numeric), TREBLE (right numeric) level.

Press the **ENTER** button when you select the U1 B 0 / U2 B 0 /U3 B 0.
Result: The BASS level(left numeric) flash.
Press the **TUNING/ALBUM** ∧ or ∨ button to select from -06 to 06.
Press the **ENTER** button.
Result: The MIDDLE level(middle numeric) flash.
Press the **TUNING/ALBUM** ∧ or ∨ button to select from -06 to 06.
Press the **ENTER** button.
Result: The TREBLE level(right numeric) flash.
Press the **TUNING/ALBUM** ∧ or ∨ button to select from -06 to 06.
Press the **ENTER** button.
Result: setting is completed.



- When CD Recording, the EQ function can't work and the EQ automatically covery to "OFF" mode.
- If no buttons is pressed within 8 seconds, the setting will automatically be cancelled. and the anterior setting will be saved.

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Setting the System to Switch off Automatically

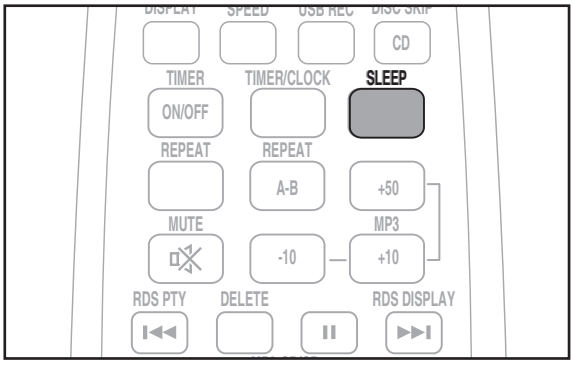
While listening to music, you can set the system to switch off automatically.
Example: You wish to go to sleep to music.

1 Press **SLEEP**.
Result: playback starts and the following indications are displayed:
90MIN

2 Press **SLEEP** once or more times to indicate how long the system should continue playing before it switches off:
90MIN → 60MIN→ 45MIN → 30MIN → 15MIN → SLPOFF

➢ At any time, you can:
- ♦ Check the remaining time by pressing **SLEEP**
- ♦ Change the remaining time by repeating Steps **1** and **2**

3 To cancel SLEEP function, press **SLEEP** once or more times until **SLPOFF** is display.

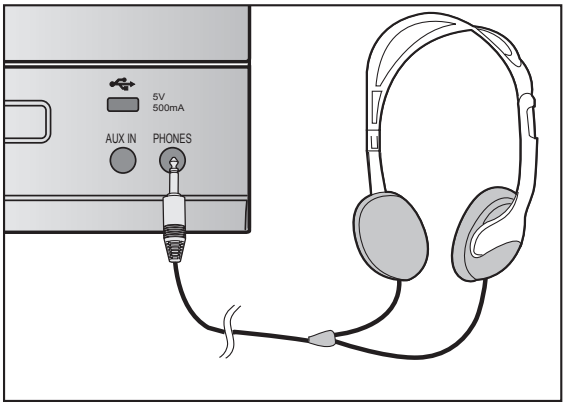


Connecting Headphones

You can connect a set of headphones to your micro-compact system so that you can listen to music or radio programmers without disturbing other people in the room. The headphones must have a 3.5ø jack or an appropriate adapter.

Connect the headphones to the **PHONES** jack on the main unit.
Result: The loudspeakers are no longer used to output the sound.

☛ Prolonged use of headphones at a high volume may damage your hearing.



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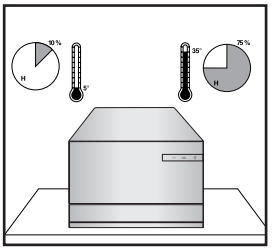
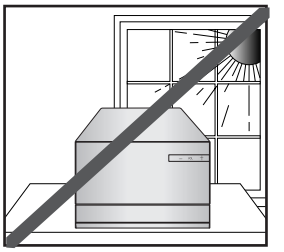
Safety Precautions

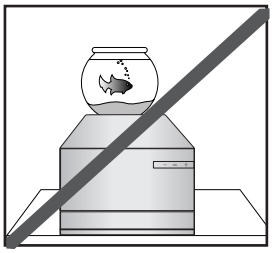
The following diagrams illustrate the precautions to be taken when using or moving your micro-compact system.



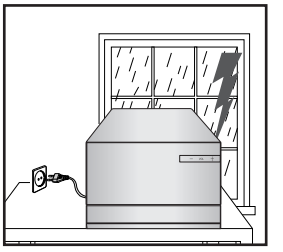
Ambient operating conditions:
Ambient temperature 5°C-35°C
Humidity 10-75%



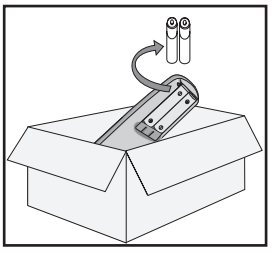
Do not expose the unit to direct sun radiation or other heat sources. This could lead to overheating and malfunction of the unit.



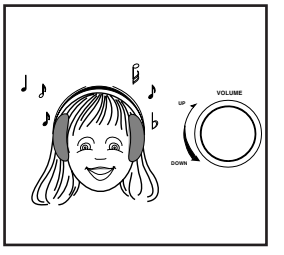
Do not place potted plants or vases on top of the unit. Moisture entering the unit could lead to dangerous electric shock and can cause equipment damage. In such events immediately disconnect the main plug from the socket.



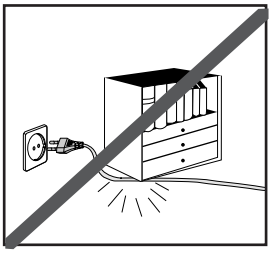
During thunderstorms, disconnect the main plug from the socket. Main voltage peaks due to lightning could damage the unit.



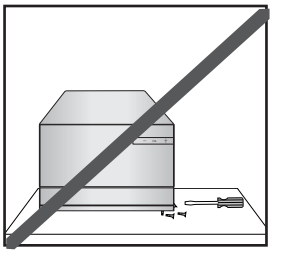
Remove the batteries from the remote control, if not used for any extended period.
Leaking batteries can cause serious damage to the remote control.



When using headphones, take care not to listen at excessive volumes. Extended use of headphones at high volumes will lead to hearing damage.



Do not place heavy items on the main lead. Main cable damage can lead to damage of the equipment (fire hazard) and can cause electric shock.



Do not remove any equipment panels. The inside of the unit contains live components, which cause electric shock.

Cleaning Your Micro-Compact System

To obtain the best possible results from your micro-compact system, you must clean the following elements regularly:

- ♦ The outer casing
- ♦ The compact disc player

☛ Always unplug the system from the wall outlet:
- ♦ Before cleaning it
- ♦ If you are not going to be using it for a long time

Outer Casing

Clean the outer casing regularly using a soft cloth and a light detergent. Do not use abrasive powders, liquids or aerosol cleaners. Never let any liquids get into the system.

Compact Disc Player

1 Before playing a compact disc, clean it with a special CD cleaning agent. Do not use the same cleaning agents as for vinyl LP records. Carefully wipe the disc from the center outward.

2 Regularly clean the player with a special cleaning disc (available from your local dealer).

☛
- ♦ If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.
- ♦ Although your system is very hard-wearing, it should not be used in an excessively dusty environment or subjected to shocks or extreme heat (close to heating appliances or in direct sunlight, etc.).
- ♦ If the unit emits an unpleasant odor when in use, unplug it from the main supply and contact the after-sales service.

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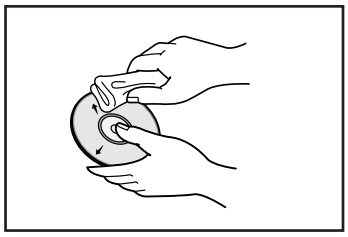
Precautions When Using Compact Discs

- Handle your compact discs with care. Always hold them by the edges to avoid leaving fingerprints on the shiny surface.
- When you have finished playing a compact disc, always put it back in its case.
- Do not fix paper or adhesive tape to the discs and do not write on the label.
- Clean them with a special-purpose cloth.
- Store your compact discs in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Always use compact discs marked .



Before Contacting the After-Sales Service

It always takes a little time to become familiar with a new appliance. If you have any of the problems listed below, try the solutions given. They may save you the time and inconvenience of an unnecessary service call.

	Problem	Checks/Explanation
GENERAL	The system does not work	• *The main lead is not correctly plugged into a wall socket or the wall socket is not switched on.* • *The remote control batteries need replacing or the polarity has not been respected.* • *The **POWER** button has not been pressed.*
	There is no sound	• *The volume has been completely turned down.* • *The correct function (TUNER, MP3/CD, USB, AUX) has not been selected.* • *You have connected a set of earphones.* • *The loudspeaker wires have been disconnected.* • *The **MUTE** button has been pressed.*
	The Timer does not work	• *The timer has been stopped by pressing **TIMER ON/OFF**.*
	In case it does not work, even the action is taken as above.	• *Press the **STOP** button on the mait set for 5 seconds in 'NO DISC', then it is returned the original position (RESET)*
CD/MP3/CD	The compact disc player does not start playing	• *The CD function has not been selected.* • *The disc has been inserted face down or is either dirty or scratched.* • *The laser sensor is dirty or dusty.* • *The system has not been installed on a flat, horizontal surface.* • *Condensation has formed in the player; leave the system in a warm, airy room for at least one hour.*
RADIO	Reception is poor or no radio stations are received at all	• *The **TUNER** function has not been selected.* • *The radio frequency has not been correctly selected.* • *The aerial has been disconnected or is not facing the right way. Turn it until you find the best orientation.* • *You are in a building that blocks radio waves; you must use an outside aerial.*

If the above guidelines do not allow you to solve the problem, take a note of:

- The model and serial numbers, normally printed on the rear of the system
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG after-sales service.

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Technical Specifications

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SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

RADIO	
FM	
Signal/noise ratio	62 dB
Usable sensitivity	10 dB
Total harmonic distortion	0.4 %
COMPACT DISC PLAYER	
Capacity	1 disc
Frequency range	20 Hz - 20 KHz (± 1 dB)
Signal/noise ratio	90 dB (at 1 KHz) with filter
Distortion	0.1 % (at 1 KHz)
Channel separation	75 dB
Disc sizes	Diameter: 5 or 3 1/2 inches. Thickness: 0.05 inches
AMPLIFIER	
Output power	
Front Speaker (8 Ω)	10 Watts/CH X2 RMS,IEC (total harmonic distortion: 10 %)(MM-D320)
Front Speaker (8 Ω)	35 Watts/CH X2 RMS,IEC (total harmonic distortion: 10 %)(MM-D330)
Channel separation	60 dB
Signal/noise ratio	70 dB
GENERAL	
Dimensions	7.9 (W) x 5.6 (H) x 8.2 (D) inches
Weight	3.93 lbs

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.
- Design and specifications are subject to change without prior notice.
- For the power supply and Power Consumption, refer to the label attached to the product.

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SAMSUNG

LIMITED WARRANTY TO ORIGINAL PURCHASER

Samsung Electronics Canada Inc.(SECA), warrants that this product is free from defective material and workmanship.

SECA further warrants that if this product falls to operate properly within the specified warranty period and the failure is due to improper workmanship or defective materials, SECA will repair or replace the product at its option.

All warranty repairs must be performed by a SECA Authorized Service Center. (The name and address of the location nearest you can be obtained by calling toll free: 1- 800- SAMSUNG)

LABOR	PARTS
One year (Carry- in)	One year

On carry-in models, transportation to and from the service center is the customer's responsibility.

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to the authorized service center at the time service is requested.

EXCLUSIONS (WHAT IS NOT COVERED)

This warranty does not cover damage due to accident, fire, flood and/ or other acts of God; misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use or damage that occurs in shipping. Exterior and interior finish, lamps, glass are not covered under this warranty. Customer adjustments which are explained in the instruction manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in Canada.

HEADQUARTERS
SAMSUNG ELECTRONICS CANADA INC.,
CUSTOMER SERVICE
55 STANDISH COURT MISSISSAUGA, ONTARIO L5R 4B2 CANADA
FABRIQUE EN CORÉE
1-800-SAMSUNG (1-800-7267864)
WWW.SAMSUNG.COM/CA

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Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Area	Contact Center ☎	WebSite
▪ North America		
Canada	1-800-SAMSUNG (726-7864)	www.samsung.com
Mexico	01-800-SAMSUNG (726-7864)	www.samsung.com
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
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Brazil	0800-124-421 / 4004-0000	www.samsung.com
Chile	800-SAMSUNG (726-7864)	www.samsung.com
Colombia	01-8000112112	www.samsung.com
Costa Rica	0-800-507-7267	www.samsung.com
Dominica	1-800-751-2676	www.samsung.com
Ecuador	1-800-10-7267	www.samsung.com
El Salvador	800-6225	www.samsung.com
Guatemala	1-800-299-0013	www.samsung.com
Honduras	800-7919267	www.samsung.com
Jamaica	1-800-234-7267	www.samsung.com
Nicaragua	00-1800-5077267	www.samsung.com
Panama	800-7267	www.samsung.com
Peru	0-800-777-08	www.samsung.com
Puerto Rico	1-800-682-3180	www.samsung.com
Trinidad & Tobago	1-800-SAMSUNG (726-7864)	www.samsung.com
Venezuela	0-800-100-5303	www.samsung.com
▪ Europe		
Albania	42 27 5755	-
Austria	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
Belgium	02-201-24-18	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
Bosnia	05 133 1999	-
Bulgaria	07001 33 11	www.samsung.com
Croatia	062 SAMSUNG (062 726 7864)	www.samsung.com
Czech	800-SAMSUNG (800-726786) Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	www.samsung.com
Denmark	70 70 19 70	www.samsung.com
Finland	030 - 6227 515	www.samsung.com
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Rumania	1. 08010 SAMSUNG (72678) - doar din rețeaua Romtelecom, tarif local 2. 021.206.01.10 - din orice rețea, tarif normal	www.samsung.com
Serbia	0700 Samsung (0700 726 7864)	www.samsung.com
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U.K	0330 SAMSUNG (7267864)	www.samsung.com
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Armenia	0-800-05-555	-
Azerbaijan	088-55-55-555	-
Kazakhstan	8-10-800-500-55-500 (GSM: 7799)	www.samsung.com
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Moldova	00-800-500-55-500	-
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Malaysia	1800-88-9999	www.samsung.com
Philippines	1-800-10-SAMSUNG(726-7864) / 1-800-3-SAMSUNG(726-7864) / 1-800-8-SAMSUNG(726-7864) / 02-5805777	www.samsung.com
Singapore	1800-SAMSUNG (726-7864)	www.samsung.com
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